



RAPID DRY AD2M

ALKYD COATING: AIR DRY
 SERIES K580
 DIRECT TO METAL APPLICATION



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DESCRIPTION

Series K580 is a solvent-borne, alkyd based, single component coating that dries rapidly when applied to various substrates. The alkyd resins that form the basis of this coating promote adhesion to substrates in a wide variety of states, including oily or damp surfaces. Many colors are already developed with the availability to match nearly any desired color based on volume order.

OUTSTANDING FEATURES/BENEFITS

- Dries to the touch in 5 minutes and thorough dry in 1 hour
- Adheres to surfaces that are not cleaned
- May be applied to metal, rubber or plastic substrates

TYPICAL USES

- In automotive or industrial assembly and warehousing to mark different components with assigned colors to distinguish them from one another

NOTICE

Before using this product, read all warnings, limitations and safety information printed on the product label, Safety Data Sheet (MSDS) and Technical Data Sheet.

LIMITATIONS

- Apply at temperatures $\geq 50^{\circ}\text{F}$ to mitigate extended drying times.
- Not intended for use as an exterior finish that will be exposed to sunlight. UV resistance is limited.
- Do not apply over silicone.

COMPOSITION AND PHYSICAL PROPERTIES

Net Weight per gallon	8.00 lbs./gallon (Theoretical) <i>Varies ± 2.00 by Color</i>	Vehicle	Alkyd Resin
Weight Solids	44.00% (Theoretical) <i>Varies ± 11.00 by Color</i>	Color	Numerous Options Available Custom Colors Available
Volume Solids	30.00% (Theoretical) <i>Varies ± 5.00 by Color</i>	Color Stability	Not for outdoor use
VOC	4.5 lbs./gallon <i>Varies ± 3.00 by Color</i>	Finish	Moderate to High Gloss <i>Varies by Color</i>
Odor	Moderate Solvent	Gloss	40 to 90 gloss units at 60°F <i>Varies by Color</i>
Viscosity	21 seconds, #2 Zahn @ 77°F <i>Varies ± 3.00 by Color</i>	Coverage Rate*	450 sq. ft./gallon @ 1 mil DFT
Shelf Life	12 Months from Date of Shipment	Recommended Coats	1
Storage Conditions	40°F to 100°F	Dry Film Thickness	0.5 – 1.0 mils
Freeze/Thaw Stability	Stable	Wet Film Thickness	1.5 – 3.0 mils
Flash Point	73°F - 81°F <i>Varies by Color</i>		

*Actual figures do not include spray loss. Also allow for surface irregularities and porosity, as well as material loss when mixing.

PERFORMANCE AND FUNCTIONAL PROPERTIES

Corrosion Protection:	Hardness	HB after 30 days
Not intended for protection from corrosion.	Sag Resistance <i>Sag Bar</i>	2+ mils
Humidity Resistance	Excellent	

IMPORTANT NOTICE TO BUYER / WARRANTY AND LIMITATIONS ON OUR LIABILITY

We warrant our products to be free of manufacturing defects and that they meet our current published physical properties and specifications. All information and suggestions presented are rendered gratis and are accurate to the best of our knowledge. They are based on technical data we believe to be reliable and are intended for use by persons having skill and "know-how" at their own discretion and risk. Prior to use, customers are cautioned to determine the suitability of our products for any given application through their own testing. NO WARRANTY IS MADE, EXPRESS OR IMPLIED, REGARDING SUCH INFORMATION, THE DATA ON WHICH IT IS BASED OR THE RESULTS OBTAINED FROM ITS USE OR THAT OUR PRODUCT SHALL BE MERCHANTABLE OR FIT FOR ANY PARTICULAR PURPOSE. SUCH STATEMENTS ARE NOT INTENDED TO SUGGEST INFRINGEMENT OF ANY PATENT. Since conditions of use of our products are beyond our control, all suggestions and statements are made without guarantee, warranty or other responsibility, express or implied, on our part. We assume no responsibility for results obtained, or damages incurred, from their use beyond replacing material proved to be defective or refunding the purchase price of such material at our option. Acceptance of delivery of our product means you have accepted the terms of this warranty, whether or not purchase orders of other documents state terms that vary from this warning. No seller is authorized to make any representations or warranty or assume any other liability on our behalf with any sales of our products. SANDSTROM PRODUCTS COMPANY

GENERAL

This product is a paint-like material consisting of alkyd resins. For maximum service, the APPLICATION INSTRUCTIONS MUST BE FOLLOWED CLOSELY.

COVERAGE

One gallon of this material will cover 450 sq. ft. with a dry film thickness of 0.001 inches. Coverage depends upon methods of application and other variables such as overspray and type of surface to be coated. Above coverage rates are based on 100% efficiency.

SURFACE PREPARATION

The coating is designed to adhere to nearly any surface type, including metal, plastic and rubber. Refrain from applying to silicone. Substrate does not need to be cleaned prior to application in order for coating adhesion. Coating will adhere to damp or oily surfaces. For best results, wipe surfaces clean as best as possible without damaging the substrate.

STIRRING

IMPORTANT! STIR (or Shake Markers) THOROUGHLY BEFORE USE AND **CONTINUOUSLY** DURING APPLICATION.

THINNING

Use as supplied. If necessary, thin sparingly with VM&P Naphtha. Thinning too much will affect application properties.

APPLICATION

For markers – Shake continuously for one minute. Press down until coating flow begins. Move across surface with firm, even pressure. Avoid coating heavily to prevent pooling and runs.

For spraying - Use a standard air sprayer with a fine tip and pressure of 40psi. Avoid coating heavily to prevent pooling and runs.

DRYING

Ambient dry at 77°F ± 5°F and ≤ 70% relative humidity.
Dry to touch..... 5 minutes
Complete cure..... 60 minutes

CLEANUP

Use acetone to clean equipment or tools.

REMOVAL

In the event it is necessary to remove this coating, grit blast.

DANGER! USE WITH ADEQUATE VENTILATION.